AMENDMENTS TO THE SPECIFICATION

Please amend the specification, as follows:

Page 4, line 12, please replace the paragraph with the following amended paragraph:

However, in many cases, a conventional test pattern stored under the state of image data in each of a medical image recording apparatus is a density adjusting test pattern for correcting mainly ~~LUT (gradation characteristics)~~ look-up table (LUT) gradation characteristics. Though the gradation can be evaluated by this test pattern, the test pattern is not suitable for physical evaluation such as granularity and sharpness.

Page 4, line 19, please replace the paragraph with the following amended paragraph:

Though the test pattern recommended by ~~SMPTE~~ the Society of Motion Picture and Television Engineers (SMPTE) (SMPTE pattern) is a test pattern that is also capable of evaluating granularity and sharpness of image quality, on the other hand, all it can do is just evaluation under the specific recording conditions (density and spatial frequency). If LUT of the image recording apparatus is changed in this case, it can also be used as a test pattern whose density is changed. However, it has a problem that it is not suitable for measurement because it is not an exclusive test pattern for obtaining physical evaluation values such as ~~RMS~~ root mean square (RMS) and ~~WS~~ Weiner spectrum (WS). If the output size is changed, it can be used also as a test pattern for evaluating sharpness wherein a spatial frequency is changed. However, it has a

problem that it is not suitable for measurement because it is not an exclusive test pattern for obtaining physical evaluation values such as <u>sine wave response filter (SWRF)</u> ~~SWRF~~ and ~~MTF~~ <u>modulation transfer function (MTF)</u>.